

Technical Data Sheet

WEATHER SEAL 777



Neutral Oxime Silicone

Weather Seal 777



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EPDM TAPE

Version
: 01

Rev. Date

1. Product Description

Selsil Oxim silicone sealant is one part neutral curing, gunnable silicone sealant.

777 is used for weather seal in curtain wall applications.

777 is also widely used for bonding and sealing EPDM sheets, between concrete and galvanized steel.

2. Properties

- Easy application
- Superior adhesion to wide range of building materials including concrete and brickwork
- Long life reliability and low maintenance
- Flexibility with storage time and stock usage
- Can be applied in vertical and overhead joints

3. Technical Information

Chemical Base: Oxim silicone, neutral curing

Specific gravity: 1,33 ± 0,03 gr/cm³
(ASTM D 1045-86)

Tack free time: approx. 13 min.
(25°C and 50% R.H)

Movement Capability (%): ±25

Sag Flow: <2 mm
(ASTM D 2202)

Shore Hardness: approx. 20 Shore A
(ASTM D 53505)

Ultimate Elongation (%): > 200
(DIN 53504)

Modulus at 100% (MPa): 0,80
(DIN 53504)



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Cure Rate, 2.3mm approx. 18 hours
(25°C and 50% R.H)

4. Application Details

Application Temperature: +5 °C to 40 °C

Temperature Resistance: -50 °C to 150 °C

The application surface must be solid, clean dry and free of dust, oil and grease.

Selsil oxime silicone sealant is a high performance neutral cure silicone sealant designed to give superior adhesion and durability in a wide range of glazing, weather –sealing and trade applications.

Selsil oxime sealant will bond to form a strong weatherproof seal on most common building materials such as: glass, ceramic, steel, aluminum, brick, concrete, epdm, most plastics, etc.

5. Packaging

Sausage, cartridge

6. Colors

Black, grey, white

7. Shelf Life

Store the product in a cool and dry place.

The shelf life is 12 months from date of production at or below 30 °C.

8. Caution

Keep out of reach of children.

Avoid contact with skin.

Use only in well ventilated areas.

Irritating to eyes. Don't use in aquariums.

9. Health and Safety

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing, physical, ecological, and toxicological and other safety related data.